E S F Po N Ch A

DF-320TM
MS-310TM

User's Guide

CASIO®

English

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IMPORTANT!

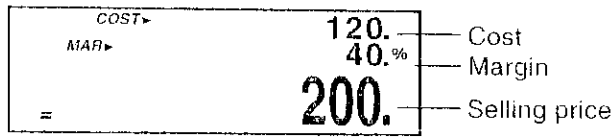
Please keep your manual and all information handy for future reference.
Unless specifically noted otherwise, all examples in these instructions show DF-320TM.

1 / General Guide

3-Line Display

This calculator features a 3-line display that lets you view intermediate results along with the final result.

Example



About the Selectors

F CUT UP 5/4

Rounding Selector

Specifies the rounding system.

F: Floating decimal point system, which displays the value without rounding.
CUT: Cuts off the decimal to the specified* number of places.
UP: Rounds up the decimal to the specified* number of places.
5/4: Rounds off the decimal to the specified* number of places.
* Use the Decimal Place Selector to specify the number of decimal places.

4 3 2 1 0 ADD2

Decimal Place Selector

Specifies the number of decimal places for rounding. Note that the Decimal Place Selector is valid whenever the Rounding Selector is in any position other than F

4, 3, 2, 1, 0: Number of decimal places for the CUT, UP and 5/4 setting of the Rounding Selector.

ADD2: The "Add Mode" automatically adds a decimal point and two decimal places to all values, even if you don't input a decimal point. This mode is very useful when performing calculations in dollars or other monetary systems that require two decimal places. Two decimal places are not added in this mode if you press the [.] key while inputting a value, or for any operation other than addition and subtraction.

About the Display

'	: 3-digit separator (apostrophe)
COST	: Cost amount indicator
SELL	: Sell amount indicator
MAR	: Margin indicator
TAX	: Tax amount indicator
T+	: Price-plus-tax indicator (DF-320TM)
TAX+	: Price-plus-tax indicator (MS-310TM)
T–	: Price-less-tax indicator (DF-320TM)
TAX–	: Price-less-tax indicator (MS-310TM)
SET	: Set mode indicator
PRICE	: Price indicator (DF-320TM)
PAYMENT	: Payment indicator (DF-320TM)
RATE	: Currency rate indicator (DF-320TM)
–	: Negative value indicator
GT	: Grand total memory indicator (DF-320TM)
M	: Independent memory indicator
E	: Error indicator
K	: Constant calculation indicator

2/ Correcting Input Errors

- To completely clear a value you have just input, press [C].
- To shift a displayed value digit-by-digit to the right, press [▶] until you get to the digit you want to re-input from. (DF-320TM)
- If you input the wrong minutes or seconds (time calculations) but have not yet pressed [HMS], just input the correct values. (DF-320TM)
- If you input a wrong time calculation value and press [HMS], press [C] to completely clear the time input and start again from the beginning. (DF-320TM)
- If you press the wrong arithmetic operation key ([+], [−], [×], [÷]), simply press the correct key before inputting anything else.

Clearing Calculations

- To clear the calculator except for the independent memory, press [AC].
- To clear the independent memory only, press [MRC] twice.

Error Indicator

If the error indicator "*E*" appears on the display, press [C] to clear the error and continue with the calculation, or [AC] to clear the entire calculation.

3/ Power Supply

The Two Way Power System of this calculator uses a solar cell, in addition to one LR44 button type battery. Unlike calculators equipped with a solar cell only, you can use this calculator under virtually any lighting conditions, as long as there is enough light for you to read the display.

Battery Replacement

Do not try to replace the battery yourself. Have it replaced by an authorized CASIO dealer or service center.

If the display becomes dim and difficult to read, or if nothing appears on the display when you press [AC] (especially when lighting is dim), you probably need to have the battery replaced.

- A dead battery can leak and damage the calculator if left in the battery compartment for long periods.

Auto Power Off Function

This calculator is not equipped with an OFF switch. Instead, it switches power off automatically about six minutes after the last key operation is performed. To restore power, press [AC]. Even if the Auto Power Off function operates, the contents of the independent memory are not cleared.

4 / Important Precautions

- Avoid dropping the calculator and otherwise subjecting it to severe impact.
- Never try to take the calculator apart.
- Wipe the unit with a soft, dry cloth to clean it.
- The contents of these instructions are subject to change without notice.
- CASIO COMPUTER CO., LTD. assumes no responsibility for any loss or claims by third parties which may arise from the use of this product.

5 / Specifications

Power Supply: Two Way Power System, with solar cell and one button type battery (LR44)

Battery Life: Approximately 3 years for button type battery (LR44) (1 hour per day of operation)

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Dimensions:

DF-320TM: 32.3 (H) × 124 (W) × 179.5 (D) mm ($1\frac{1}{4}$"H × $4\frac{7}{8}$"W × $7\frac{1}{16}$"D)

MS-310TM: 30 (H) × 103 (W) × 156 (D) mm ($1\frac{3}{16}$"H × $4\frac{1}{16}$"W × $6\frac{1}{8}$"D)

Weight:

DF-320TM: Approximately 200 g (7.1 oz) (including the battery)

MS-310TM: Approximately 120 g (4.2 oz) (including the battery)